Applicant(s) Application No. Index of Claims 09/829,951 PARRY, JOHN CHAD Examiner Art Unit Adam L Basehoar 2178 (Through numeral) Cancelled Rejected Non-Elected Appeal o Allowed Restricted Interference Objected

| Cla      | im       |            |         |          |              | Da       | te      |         |           |          |   |      |          | Cla      | im       |                   |  | _  |            | Dat  | e        |          |          |           | ]::: | 1        | Cla             | im         | Γ            |          |            |  | Da             | te             |           |            |  | 1 |
|----------|----------|------------|---------|----------|--------------|----------|---------|---------|-----------|----------|---|------|----------|----------|----------|-------------------|--|--|------------|--|----------|----------|----------|-----------|------|----------|-----------------|------------|--------------|----------|------------|--|----------------|----------------|-----------|------------|--|---|
| Final    | Original | CO211410   | 0361/46 |          |              |          |         |         |           |          |   |      | ت        | 3        | Original |                   |  |  |            |  |          |          |          |           |      |          | Final           | Original   |              |          |            |  |                |                |           |            |  |   |
|          | 2        | Y          | Y       | -        | $\vdash$     | $\vdash$ | 1       | F       | 1         |          | _ |      |          | 4        | 51<br>52 |                   | ļ  | -  | L          | F  | $\vdash$ |          | _        |           |      | F        |                 | 101        |              |          |            |  | F              | F              | $\top$    | 1          | $\Box$   | ] |
|          | 3        | Н          | Н       | ╁╌       | ╀            | ╁╴       | ╁       | +       | +         | -        | _ | 1    | -        | +        | 53       | ├                 | ⊢  | ⊢  | ╁          | ┼-   | $\vdash$ | _        | _        |           |      | ⊩        | -               | 102<br>103 | ⊢            | -        | ├          | ╀  | ╁┈             | ╁              | ╁╌        | - -        | ╁  | ┨ |
|          | 4        |            | Н       | ╁        | ╁            | ╁╌       | +       | +       | +         | -        | _ | Hiii | -        | +        | 54       |                   | ┝  | ┼-   | ╁╌         | ╀  | ╀╌       |          |          |           | ł    | ⊩        |                 | 104        | -            | -        | ╁          | ╁  | ╂┈             | ╁╌             | ╂╾        | ╁          | ╁  | ┨ |
| _        | 5        | H          | Н       | $\vdash$ | ╁            | ╁        | ╁       | ╅       | +         | $\dashv$ | _ |      | -        | $\dashv$ | 55       | -                 | ├  | ┼  | ┢          | ┢  | ╀        | $\vdash$ | ⊢        |           |      | ⊩        |                 | 105        | ├            | ┝        | ╁—         | ╁  | ╀              | +-             | ╁         | ╁╴         | ╁  | ┨ |
|          | 6        | $\Box$     | Н       | $\vdash$ | ╁            | ╁        | ╁       | ╁       | +         | ┪        | _ |      | ⊩        | $\dashv$ | 56       | <del> </del>      | ├  | ┼  | ╁          | ╁  | ╁╌       |          |          |           |      | ⊩        |                 | 106        |              | -        | -          | ╁  | ╁              | ╁╴             | ╁         | ╁          | ╁  | ┨ |
|          | 7        | H          | H       | $\vdash$ | +            | +        | ╁       | ╁       | $^{+}$    | ┪        | _ | ł    | $\vdash$ | $\dashv$ | 57       | $\vdash$          | ╁╴   | $\vdash$   | ╁╴         | ╁  | ╁╴       |          | -        | -         | 1    | ⊩        | -               | 107        | -            | ⊢        | -          | ┼  | ╁              | ╁╴             | ╁╌        | ╁          | ╁  | ┨ |
|          | В        | H          | Ħ       | ┢        | 1            | +-       | 1-      | ╅╴      | Ť         | ┪        |   |      | $\vdash$ | ┪        | 58       | -                 | <del>                                     </del> | $t^-$  | ┢          | +  | H        |          | $\vdash$ | $\vdash$  |      | ╟        | 十               | 108        | -            | -        | ╁          | ╁╴   | ╁              | ╁              | ╅         | ╁╌         | H  | 1 |
|          | 9        | Ħ          | 1       | T        | ✝            | +        | T       | ╈       | †         | ┪        |   |      |          | ┪        | 59       | ┢                 | t  | ┢  | t          | T  | Ħ        |          | Н        |           | 1    | -        | 一               | 109        |              | $\vdash$ | 1          | ╁  | †              | †-             | †-        | ╁          | t  | 1 |
|          | 10       | П          | 1       | T        | 1-           | T        | T       | T       | T         | ┪        |   | 1    |          | ┪        | 60       | <b>-</b>          | 1  | T  | T          | 1  |          |          |          |           |      | -        |                 | 110        | 一            |          | Т          | T  | T              | 1              | T         | 十          | ✝  | 1 |
|          | 11       | Ħ          | T       | 1        | $\top$       | 十        | T       | 十       | T         | ┪        | _ | 1    |          | 7        | 61       |                   | $\vdash$   |  |            | T  |          |          | l        | _         | 1    |          | $\neg$          | 111        | <u> </u>     |          | 1          | 1  | 1              | $\top$         | 1         | 1          | $\vdash$   | 1 |
|          | 12       | П          | П       | T        | Τ            | Τ        | Т       | Τ       | T         | ╗        |   |      |          | 7        | 62       |                   |  |  | 1          | 1  |          |          | _        | Г         | 1    | Г        | 一               | 112        | Г            | Г        | Т          | T  | T              | $\top$         | $\top$    | $\top$     | <b>†</b> ,                                       | 1 |
|          | 13       | П          | π       |          |              | Τ        | Τ       | ┰       | T         | ٦        |   |      | Г        | 1        | 63       |                   | i  |  |            |  |          |          |          |           | 1    | Γ        |                 | 113        |              |          | 1          | T  | Т              | 1-             | 1         | $\top$     | Т  | 1 |
|          | 14       | Ш          | $\prod$ |          | Γ            | Γ        | Γ       | Ι       | J         |          | _ |      |          |          | 64       |                   |  | Γ  |            |  |          |          |          |           |      | Γ        |                 | 114        |              | Γ        |            | Τ  | Τ              |                | Т         | 1          | T  | 1 |
|          | 15       |            | П       |          |              |          |         | Τ       |           |          |   | ]    |          |          | 65       |                   |  |  |            | Г  |          |          |          |           |      | Г        |                 | 115        |              |          |            | 1  | Т              | T              | Т         | T          | Г  | 1 |
|          | 16       | $\coprod$  | Ш       |          | L            |          | Ĺ       |         |           | $\Box$   |   |      | Ĺ        |          | 66       |                   | Ľ  |  |            |  |          |          |          |           |      | E        |                 | 116        |              |          |            |  | Γ              | Γ              | Γ         | $\Gamma$   | Г  | ] |
|          | 17       | Ш          | Ш       | <u> </u> | $\perp$      |          | L       | $\perp$ |           | ╝        |   |      | L        |          | 67       |                   |  | L  | <u></u>    |  |          |          |          |           |      | L        |                 | 117        |              |          |            |  |                |                |           |            |  | ] |
|          | 18       | Ц          | Ш       | <u> </u> | _            | ┺        | 1       | 1       | _         | _        |   |      | L        | 4        | 68       |                   | <u></u>  | L  | L          |  |          |          |          |           |      | L        |                 | 118        |              |          |            | L  |                |                |           |            | L  | ] |
|          | 19       | Ц.         | Ш       | _        | _            | ┖        | ┸       | 1.      | 1         | _        |   | l    | L        | _        | 69       |                   |  | L.   | <u></u>    | _  | Ш        |          |          |           | ]    | L        |                 | 119        | L            | L        | 乚          | _  |                |                | 1         | L          | L  | 1 |
|          | 20       | 1          | 1       |          | <u> </u>     | 1_       | ↓.      | 1       | 1         | 4        |   |      | L        | 4        | 70       | Ш                 | 匚  | L  | <u> </u>   | 丄  | _        |          |          | _         | ļ    | L        |                 | 120        | L            | _        |            | 1_   |                | _              |           | _          | 上  | 1 |
|          | 21       | Щ          | 1       |          | <u> </u>     | 1        | _       | ┸       | 1         | 4        |   |      | <u>_</u> | 4        | 71       |                   | <u> </u>   | L  | <u> </u>   | 1_   | Ш        |          |          |           |      | L        |                 | 121        | L            | L        | L          | _  | _              | ┖              |           |            | 丄  |   |
|          | 22       | 1          | 1       | _        |              | 1        | ╀-      | ╄.      | 4         | 4        |   |      | _        | _        | 72       | Щ                 | ᆫ  | <u> </u>   | L_         | <u> </u>   | Ш        |          |          |           |      | L        |                 | 122        | _            | L        | L          |  | ↓_             | ┺              | L         | 丄          | ↓_   | 1 |
|          | 23       | 1          | Щ       | <u> </u> | ╙            | ↓_       | ╄       | 4       | 4         | 4        |   |      | <u>_</u> | 4        | 73       | _                 | _  | <u> </u>   | ╙          |  | Ш        |          |          | L         |      | L        |                 | 123        | l            | L.,      | L          | <u> </u>   | L              | 1              | ┖         | ↓_         | <u> </u>   | 1 |
|          | 24       | ╙          | ╙       |          | <b>↓</b>     | -        | ╀       | ╀       | +         | 4        | _ |      | <u> </u> | 4        | 74       | Ш                 | _  | L  | <u> </u>   | ┡  | L        | _        |          | <u> _</u> |      | L        | _               | 124        | L            | L        | ╙          | <u> </u>   | ╀              | <del> </del> _ | ╀_        | ┦_         | ╄  | 1 |
|          | 25       | <b>H</b> - | ₽       | <u> </u> | ╄            | ╀        | +       | +       | +         | 4        |   |      |          | 4        | 75       | Н                 | <b> </b> -                                       | <b>├</b>   |            | -  | Н        | _        | <u> </u> | <u> </u>  |      | L        |                 | 125        | ╙            | <u> </u> | <u> </u>   | ļ.,  | ↓_             | ↓_             | ╄         | $\perp$    | ╄  | 1 |
| -        | 26       | 1          | 1       | _        | ⊢            | $\vdash$ | ╀       | +       | +         | -        |   |      | <u> </u> | $\dashv$ | 76       | Ш                 | ļ  | <del> </del>                                     | <u> </u> _ |  |          |          |          | _         |      | L        |                 | 126        | <u> </u>     | L        | _          |  | ┞.             | <u> </u>       | ↓_        | ↓          | L  | 1 |
| -        | 27       | ╂          | Н-      | <u> </u> | ⊢            | ┼        | +-      | ┿       | +         | +        |   |      | ⊢        | $\dashv$ | 77       | Н                 | ├-   | ├-   | <u> </u>   | ⊢  | Н        | _        | _        | <u> </u>  |      | L        |                 | 127        | <u> </u>     | <u> </u> | <u> </u>   | Ļ  | <del> </del> _ | <del> </del> _ |           | -          | <u> </u>   | - |
| $\dashv$ | 28<br>29 |            | Ż       | H        | -            | ┼        | ┾       | +-      | +         | +        |   |      | ⊢        | +        | 78<br>79 | _                 | -  | ├_   | <u> </u>   | ļ  |          | _        |          | ┡         |      | L        | -               | 128        |              | L        | <u> </u>   | ļ  | <del> </del>   |                | ╄         | ↓_         | <del> </del>                                     | - |
| $\dashv$ | 30       | ~          | Υ_      |          | ╁            | ╁╌       | ╁╌      | +-      | +         | +        |   |      | $\vdash$ | +        | 80       |                   | -  | ⊢  |            | -  | Н        |          |          | <u> </u>  |      | ⊢        | -               | 129        | H            | ⊢        | ┢          |  | ┼-             | ┼              | ╬         | 1          | ⊢  | 1 |
| -        | 31       | $\vdash$   |         | $\vdash$ | -            | ╁╴       | ╁╴      | ╁╴      | +         | ┥        |   |      | -        | +        | 81       | -                 | ├—   | ⊢  | ⊢          | ⊢  | $\vdash$ | -        |          |           |      | ⊢        | }               | 130<br>131 |              | <u> </u> | ├-         | <u> </u>   | ┡              | ┼              | ╀         | ┢          | ⊢  | - |
|          | 32       | -          |         | ⊢        | ╁            | +-       | ╁╌      | ╅       | +         | +        |   |      | -        | ┽        | 82       |                   | -  | ⊢  | ⊢          | ⊢  | Н        | _        |          | -         |      | $\vdash$ |                 | 132        | H            | ┝        | -          |  | ├-             | ┼              | ╁         | ╀          | ⊢  | ┨ |
|          | 33       |            |         | $\vdash$ | <del> </del> | +        | ╁       | ╁       | 十         | +        |   |      | $\vdash$ | +        | 83       |                   | -  | $\vdash$   | $\vdash$   | ╁  | Н        | $\vdash$ |          | -         |      | 1        | }               | 133        | $\vdash$     | $\vdash$ | ⊢          | ╌  | ╁              | +-             | ╁╌        | ╁          | ⊢  | 1 |
| $\dashv$ | 34       | -          | -       | ┝        | H            | +-       | ╁       | ╁       | +         | $\dashv$ |   |      | <u> </u> | +        | 84       | -                 | -  | $\vdash$   | $\vdash$   | -  | Н        |          | -        | <u> </u>  |      | H        | -  -            | 134        | -            | -        | ├-         | -  | 1              | +              | +         | $\vdash$   | ⊢  | 1 |
| -        | 35       | Т          | -       | -        |              | †        | †       | $^{+}$  | +         | ┪        | _ |      | $\vdash$ | +        | 85       | $\dashv$          | -  | <del>                                     </del> | $\vdash$   | <del>                                     </del> | Н        | $\dashv$ | _        | $\vdash$  |      | $\vdash$ | $\dashv$        | 135        | <del> </del> |          | $\vdash$   | $\vdash$   | $\vdash$       | ┢              | ╁         | +          | $\vdash$   | 1 |
| $\dashv$ | 36       |            |         |          | 1            | $\vdash$ | 十       | +       | $\dagger$ | +        | - |      | $\vdash$ | +        | 86       | $\dashv$          |  | $\vdash$   | -          | T  | Н        |          | -        | $\vdash$  |      | ۲        | $\dashv$        | 136        | $\vdash$     |          | -          | -  | +              | $\vdash$       | $\vdash$  | +          | <del>                                     </del> | 1 |
|          | 37       |            |         |          | 1            | T        | T       | T       | 十         | 7        |   |      |          | +        | 87       | $\dashv$          |  | Т  |            |  | П        | _        |          | _         |      | H        | $\dashv$        | 137        | $\vdash$     | Т        | Н          | H  | Η              | $\vdash$       | T         | T          | Т  | 1 |
|          | 38       |            |         |          | Π            | 1        | T       | $\top$  | $\top$    | 1        |   |      |          | 7        | 88       | $\Box$            |  | Γ  | <u> </u>   | Т  | П        |          |          |           |      | ۲        |                 | 138        |              |          | _          | Ι-   | $\vdash$       | $\vdash$       | T         | T          | М  | 1 |
|          | 39       |            |         |          | Γ            | Γ        |         | Γ       | J         |          |   |      |          | T        | 89       |                   |  | Г  | Г          | Γ  | П        |          |          | П         |      | Γ        | $\neg \uparrow$ | 139        |              | _        | Т          | Г  | Т              |                | T         | 1          | г  | 1 |
|          | 40       |            |         |          | L            | Γ        |         | Ι       | T         |          |   |      |          | 7        | 90       |                   |  | Г  | Г          | Г  | П        |          |          |           |      | Γ        |                 | 140        |              | _        |            | <del>                                     </del> | 1              |                | 1         | 1          | Г  | 1 |
| ╝        | 41       |            |         |          |              |          |         |         | Ι         |          |   |      |          | I        | 91       |                   |  |  |            |  |          |          |          |           |      | Γ        |                 | 141        |              |          |            |  |                |                |           |            |  |   |
| ╝        | 42       |            |         |          |              |          | Г       | I       | Ι         | I        |   |      |          | I        | 92       |                   |  |  |            |  |          |          |          |           |      |          |                 | 142        |              |          | $\Gamma^-$ | Г  | Γ              |                | Γ         |            |  | 1 |
|          | 43       |            |         |          |              | _        | L       | L       | $\perp$   | _[       |   |      | L        | I        | 93       | $\Box$            |  |  |            |  | Ш        |          |          |           |      |          |                 | 143        |              |          |            |  |                |                |           |            |  | ] |
| _        | 44       | Ш          |         |          |              |          |         |         | $\perp$   | $\perp$  |   |      |          |          | 94       | $\Box$            |  |  |            |  | Ш        |          |          |           |      | Ĺ        |                 | 144        |              |          | L          |  |                |                |           |            |  | ] |
| _        | 45       |            |         |          | lacksquare   | _        |         | Į.      | $\perp$   | $\perp$  |   |      |          |          | 95       |                   |  | L  |            |  |          |          |          |           |      | Ĺ        |                 | 145        |              |          |            | 匚  |                |                |           |            |  |   |
| _        | 46       |            | _       |          | <u> </u>     | $\perp$  | $\perp$ | L       | 1         | 1        |   |      | _        |          | 96       | $oldsymbol{\bot}$ |  |  |            | Ш  | Ш        |          |          |           |      | Ĺ        |                 | 146        |              |          |            |  |                | $\Box$         | $\Box$    | $\perp$    |  | 1 |
| _        | 47       | Щ          | _       |          | L.           | 1_       | L       | L       | $\perp$   | 4        |   |      | <u> </u> |          | 97       | $oldsymbol{\bot}$ |  |  |            |  | Ш        |          |          |           |      | Ĺ        |                 | 147        |              |          | 匚          | Ĺ  |                |                | 匚         | ഥ          |  | 1 |
| 4        | 48       | Щ          | _       |          | _            | <u> </u> | _       | 1       | 4         | 4        |   |      | <u> </u> |          | 98       |                   |  | <u>_</u>   | _          | Ш  | Ш        | _        | _        |           |      | L        | _               | 148        | ]            |          |            | ļ  |                | _              | <u>L.</u> |            | []   | 1 |
|          | 49       | -          | _       |          | <u> </u>     | ┞_       | ╀       | 1-      | +         | 4        | _ |      | <u> </u> |          | 99       | _                 |  |  | _          | $\sqcup$   | $\sqcup$ |          | _        |           |      | L        |                 | 149        | _            |          | <u> </u>   | <u> </u>   | L              | ╙              | ╙         | lacksquare | Ш  | Į |
| $\perp$  | 50       |            |         |          |              |          | 上       | L       | ⊥.        | ┙        | j |      | L_       | Ŀ        | 100      |                   |  |  | l l        | ıl   |          | - 1      | ſ        |           |      | ĺ        |                 | 150        |              |          |            |  | L              | I              | L         | 1          | 1  |   |